## **EAST Search History**

| Ref<br>#        | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|-----------------|------|---|---|---------------------|---------|------------------|
| L1              | 12   | "474"/\$.ccls. and (ball near spline)<br>and bicycle and sprocket | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/05/04 09:50 |
| L2              | 12   | "474"/\$.ccls. and (ball near spline)<br>and bicycle              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/05/04 09:45 |
| L3 .            | 66   | "474"/\$.ccls. and (ball near spline)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/05/04 09:47 |
| L4              | 91   | "474"/\$.ccls. and (ball with spline) .                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/05/04 09:47 |
| L5 <sub>.</sub> | 25   | l4 not l3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/05/04 09:48 |
| L6              | 201  | "474"/\$.ccls. and ball and bicycle and sprocket                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/05/04 09:51 |
| S1              |      | 10/796573   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/05/01 08:17 |
| S2              | 351  | 474/78  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/05/04 09:43 |

## **EAST Search History**

| [    |     |   | <del></del>   | I    | ı <del></del> |                  |
|------|-----|---|---|------|---------------|------------------|
| S3   |     | 11/052863   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | OFF           | 2007/05/01 08:23 |
| S4   | 8   | ("20020160869"   "20040009835"  <br>"3785219"   "4471851"   "5221236"  <br>"5679084"   "6165092"   "6533690").<br>PN. OR ("7153229").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR   | OFF           | 2007/05/01 08:45 |
| S5   | 202 | (474/78).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF           | 2007/05/01 08:52 |
| S6   | 0   | ("("3948542" "4771636" "5099712" "5<br>292286" "5404768" "5611556" "58735<br>90" "7097190").PN.").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF           | 2007/05/01 08:53 |
| S7   | 18  | ("3948542" "4771636" "5099712" "52<br>92286" "5404768" "5611556" "587359<br>0" "7097190").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF           | 2007/05/01 08:53 |
| S8   | 39  | ("0356095"   "0476157"   "0509122"   "0528954"   "0528956"   "0575725"   "0625835"   "0626257"   "0645446"   "0881729"   "1388102"   "2210221"   "2426835"   "2588047"   "3572569"   "3873128"   "4813302"   "5292286"   "5404768").PN. OR ("5611556"). URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR   | OFF           | 2007/05/01 09:01 |
| S9 . | 110 | (474/79).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF           | 2007/05/01 09:05 |
| S10  | 526 | (474/80).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | OFF           | 2007/05/01 09:11 |

## **EAST Search History**

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|-----|-----|--|---|----|-----|------------------|
| S11 | 10  | ("5404768" "5553510" "5607171" "56<br>11556" "0625835").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/05/01 09:11 |
| S12 | 12  | ("3769848").URPN.  | USPAT   | OR | OFF | 2007/05/01 09:24 |
| S13 | 278 | (474/81).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/05/01 09:32 |
| S14 | 384 | (474/82).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/05/03 23:04 |
| S15 |     | ("0356095"   "0476157"   "0509122"   "0528954"   "0528956"   "0575725"   "0625835"   "0626257"   "0645446"   "0881729"   "1388102"   "2210221"   "2426835"   "2588047"   "3572569"   "3873128"   "4813302"   "5292286"   "5404768").PN. OR ("5611556"). URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/05/03 21:08 |
| S16 | 3   | ("2210221").URPN.  | USPAT   | OR | OFF | 2007/05/03 22:38 |
| 517 | 260 | (474/83).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/05/03 23:11 |
| S18 | 526 | (474/80).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/05/03 23:14 |
| S19 | 86  | "474"/\$.ccls. and (chain adj (guard or sheild))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/05/03 23:14 |
| S20 | 0   | ("2004/0014543").URPN.   | USPAT   | OR | OFF | 2007/05/03 23:50 |